

Date: Sun, 18 Jul 93 17:59:01 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #869
To: Info-Hams

Info-Hams Digest Sun, 18 Jul 93 Volume 93 : Issue 869

Today's Topics:

Balun phasing: How to measure???
 Calls Re-issued? (2 msgs)
 Comment on HW-100 ?
 Ham software for Unix?
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 impatient newbie ham
 LUNCH
 Mac software for Morse Code?
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Order pizza on your autopatch now
 People with funny ears
Problem with YAESU DVS-II recorder on FT1000
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VE Testing in DC/MD/Eastern PA 7/21-7/24?
 what name to use?
 Where do I find kits?
 YAESU FT-530

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 17 Jul 1993 21:47:00 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
sol.ctr.columbia.edu!news.kei.com!ub!acsu.buffalo.edu!ubvms.cc.buffalo.edu!
oopdavid@network.ucsd.edu
Subject: Balun phasing: How to measure???

To: info-hams@ucsd.edu

Has anyone an idea on how one would measure the balun terminal orientation in order to phase several antennas so that the "center" terminal is always going in the same direction? Assume the baluns are the 1:1 variety, like the W2AU type and have no external markings. 73, Dave.

Date: 18 Jul 93 00:36:39 GMT
From: ogicse!uwm.edu!ux1.cso.uiuc.edu!howland.reston.ans.net!usenet.ins.cwru.edu!
cleveland.Freenet.Edu!dd711@network.ucsd.edu
Subject: Calls Re-issued?
To: info-hams@ucsd.edu

Eric E. Snyder writes:

> Are ham callsigns ever reissued?
>
> For example, if someone had a license that expired in the 1970's, is it
> possible that the same call letters might be reissued to someone else?
>
> ...only slightly more than idle curiosity

Amateur callsigns were, in earlier times, reissued. In the early sixties, when I received my first ticket, some of my contemporaries were pleasantly surprised to receive KN8xxx calls (novice calls carried an "N" second letter, dropped when upgraded), while I and others had our WN8xxx calls, later becoming WA8xxx. Many later "W" prefix 1x3 and others traded in their calls in the early '70's when, for a while, for a fee, an extra could request and get a reissue 1x2 call. Them days is gone forever. As I had commented in an earlier post, it seemed simpler to get custom calls and special event calls in the days of 3x5 cardfiles!

73.

* Chuck Reti Detroit, Michigan * "kill *
* Internet:dd711@cleveland.freenet.edu * ugly *
* * radio" *
* AX.25 packet:WV8A@wb8zpn.#semi.mi.usa.na * *
* AMPRnet:vv8a@vv8a.ampr.org[44.102.48.54] * -F. Zappa *

Date: 17 Jul 93 22:11:42 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!boulder!boulder!
eesnyder@network.ucsd.edu
Subject: Calls Re-issued?

To: info-hams@ucsd.edu

Are ham callsigns ever reissued?

For example, if someone had a license that expired in the 1970's, is it possible that the same call letters might be reissued to someone else?

...only slightly more than idle curiosity.

Eric E. Snyder
Department of MCD Biology ...making feet for childrens' shoes.
University of Colorado, Boulder
Boulder, Colorado 80309-0347

Date: 18 Jul 93 14:34:45 GMT
From: ogicse!emory!gatech!usenet.ufl.edu!mailer.cc.fsu.edu!freenet.scri.fsu.edu!
mcoburn@network.ucsd.edu
Subject: Comment on HW-100 ?
To: info-hams@ucsd.edu

de
Mike Coburn, N4FSQ, 904-386-8501

Let me know if you want a copy...

Date: Sat, 17 Jul 1993 22:21:39 GMT
From: valinor.mythical.com!n5ial!jim@uunet.uu.net
Subject: Ham software for Unix?
To: info-hams@ucsd.edu

In article <1993Jul16.170437.23064@newsgate.sps.mot.com>
rapw20@email.sps.mot.com writes:

>I'm looking for ham related software to run under Unix, specifically 386BSD
>and X-windows. Things like nifty TNC terminal programs, satellite trakers,
>logging programs, etc.

Take a look on N8EMR's BBS (and if anyone has suggestions on other BBS systems with UNIX ham stuff, please, do let me know!). I've seen satellite tracking programs. What I saw was text-based, but then, I wasn't running X until today, so I wasn't looking for non-text stuff, either....This will change. :-)

I figure, if I can run X, twm, about 6 xterms (each running a copy of bash), and a few copies of bash in other virtual consoles, all with only 4 Meg of memory, I can squeeze a few decent apps in there, too....

As far as a logging program is concerned, I haven't seen one (again, haven't been looking), but I've thought about writing up a simple database using index (I think it was posted to comp.sources.[something] a few years ago...check the archives). Should be really simple, and very effective. The only problem is, it wouldn't check for dupes, but a little hacking around with the code could probably solve that easily enough. With this, you could run index in one virtual console (or one xterm), while running your packet stuff, RTTY/AMTOR/PacTOR stuff, etc., in another VC/xterm.

If anyone asks, I could upload the source for index (and perhaps even a simple logging setup) to a local landline BBS, and folks could snarf it up from there. If someone asks, and I then upload this, I'll post something about it here, along with the phone numbers.

Btw, if anyone is interested, there will probably (eventually) be a host mode terminal program (KAMterm) for Kantronics TNCs under UNIX (Linux will be first, since that's what I run, but it should end up being portable). The only real concerns with this are the porting itself (which is progressing, slowly but surely), and the copyright issues, since KAMterm is shareware. I'd be interested to hear if people would be interested in this, but, umm, I wouldn't hold your breath...there are a lot of other things begging for my time, too, these days. :-)

>I'd also be interested to hear from anyone who is using a Unix box
>(any flavor) as a ham-shack computer.

Count me in. I haven't been too active lately, so there isn't much that the computer has been up to, but this is mainly due to the fact that I haven't ported KAMterm, I haven't downloaded KA9Q stuff yet, and I took the mobile rig that was on packet and put it in the truck.

But before too long, I hope to have host mode (or KA9Q) up and running, and will eventually get around to wiring up my old TR-2400 HT for packet. Eventually..... (I've been planning to do this ``anytime now'' for months.)

Later,
--jim

--

#include <std_disclaimer.h>

73 DE N5IAL (/4)

INTERNET: jim@n5ial.mythical.com | j.graham@ieee.org ICBM: 30.23N 86.32W

AMATEUR RADIO: (packet station temporarily offline) AMTOR SELCAL: NIAL

E-mail me for information about KAMterm (host mode for Kantronics TNCs).

Date: 18 Jul 93 18:32:03 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
ksampath@network.ucsd.edu
Subject: help me choose a good name....
To: info-hams@ucsd.edu

hi:

i need your help picking a good "name", for cw because people find it hard to copy krishna (dahdidah didahdit didit dididit didididit dahdit didah)....

should i settle for something else? with my name being krishna sampath, i have a choice.....i could go chris, sampath or sam..... any suggestions?

73 de kb8fav
krishna

--
dr krishna s. sampath...senior research associate...kss@lenz.eng.ohio-state.edu
ohio state u, electroscience lab.....(614) 292-7981 (w).....(614) 292-7297 (f)
1320 kinneer rd, columbus, oh 43212..06/93 ee phd looking for emi/emc/comm. job

Date: 17 Jul 93 12:40:32 GMT
From: ogicse!uwm.edu!ux1.cso.uiuc.edu!howland.reston.ans.net!math.ohio-state.edu!
cs.utexas.edu!not-for-mail@network.ucsd.edu
Subject: How does an American sign in Canada?
To: info-hams@ucsd.edu

>
> Also, since an American or Canadian amateur operating in the other coun-
> try is required to obey both countries' rules, I would assume such an

I'm fairly certain that US law is completely irrelevant when operating in Canada. And vice versa.

Peter Laws |"The '90s are gonna make the '60s|plaws@uaafhp.uark.edu
n5uwy@ka5bm1.ar.usa.noam| look like the '50s" --D. Hopper|plaws@uafsysb.bitnet

Date: 18 Jul 93 00:46:49 GMT
From: ogicse!uwm.edu!csd4.csd.uwm.edu!pachner@network.ucsd.edu
Subject: impatient newbie ham
To: info-hams@ucsd.edu

I am curious to know how long it has taken new licensees within the last year to receive their license. I am learning the definition of eternity.

--

Thomas Jay Pachner -- Music Major, Bassist, and Amateur Operator (soon)
University of Wisconsin - Milwaukee - pachner@csd4.csd.uwm.edu
Amateur Call Sign: Somewhere between Milwaukee and Gettysburg

Date: Sun, 18 Jul 93 09:16:00 +0000
From: news.cerf.net!crash!3avenew!philip.childs@network.ucsd.edu
Subject: LUNCH
To: info-hams@ucsd.edu

See you Friday at 11:30am.
Philip

Date: 18 Jul 93 01:01:03 GMT
From: ogicse!uwm.edu!spool.mu.edu!olivea!news.bu.edu!dartvax!
Kenneth.E.Harker@network.ucsd.edu
Subject: Mac software for Morse Code?
To: info-hams@ucsd.edu

In article <edu-160793102903@right.dom.uab.edu>
edu!uab!dpo!uabdp0!gila005 (Stephen Holland) writes:

> I've been using MOrse trainer from Lars sundstrom. He has written a
> nice program. He can be reached at sund@tde.lth.se There were some
> problems downloading the file, though (it got doubly encoded), so he may
> have changed the file that you will download. He was awfully nice to
> put it in the public domain, and would probably be happy to help you
> teach your son.

I second that endorsement. Very nice program. Just on a technical note, it is not "public domain" - it is copyrighted; however, it is freeware, so you can use it and distribute it for free.

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=====
Ken Harker          "And there's bound to be rough waters
"Remember the Alamo! Remember And I know I'll take some falls
Goliad!" - San Jacinto, 1836 But with the good Lord as my captain
Kenneth.E.Harker@Dartmouth.Edu I can make it through them all..."
    * Member of the EFF *          -Victoria Shaw, Garth Brooks
=====

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Date: Sat, 17 Jul 1993 21:32:35 GMT
From: elroy.jpl.nasa.gov!swrinde!emory!kd4nc!ke4zv!gary@ames.arpa
Subject: More SWR
To: info-hams@ucsd.edu

In article <22222h\$d5f@ornews.intel.com> zardoz@ornews.intel.com (Jim Garver) writes:

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>In article <930714105128.cb5@MAR65.MAR.ORA.FDA.GOV>
ODONNELL@MAR65.MAR.ORA.FDA.GOV writes:
>>In a word, efficiency! Some believe in the concept of the "coupling"
>>to the ionosphere, but I never have understood that or believed it for
>>that matter! There was a time when most amateur's believed that the
>>radiation resistance of the antenna was significant in the sense that
>>there was some magical number that worked better than any other. What
>>this relates to tho', I believe, today we would refer to as efficiency.
>
>Does this have anything to do with the impedance of free space,
>377 ohms/meter? Why not extend the maximum transfer of power theorem
>beyond the transmitter-antenna system right out into the "Ether"?
>Is a 300 ohm folded dipole for the 2 meter band a closer match to free
>space?

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No. You can think of the antenna as a coupling transformer from the transmission line to the impedance of the "ether". Unlike a simple lumped transformer, however, it is optimized to maximize radiation. A clear, and somewhat simple discussion of **why** an antenna radiates would be appropriate if someone would like to attempt it.

Gary

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--
Gary Coffman KE4ZV          | You make it,          | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it.         | uunet!rsiatl!ke4zv!gary
534 Shannon Way            | Guaranteed!          | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244    |                       |

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Date: 18 Jul 1993 02:39:42 -0400

From: digex.com!digex.net!not-for-mail@uunet.uu.net
Subject: Order pizza on your autopatch now
To: info-hams@ucsd.edu

15 July 1993

Action in Docket Case PR Docket 92-136

"The Commission has amended the amateur service rules in order to allow amateur operators more flexibility to provide communications for public service projects as well as to enhance the value of the amateur service in satisfying personal communications needs."

Among the types of communications no longer restricted by FCC rules and regulations are: collecting data for the National Weather Service (aren't we doing this already?!), facilitating events such as races and parades (ditto), and making appointments and *ordering food*. This is not a drill, it actually says ordering food is no longer restricted.

So be the first on your repeater to order a pizza over the autopatch, preferably for the next ham club meeting! :)

Note: Followups directed to .policy .

p.s. Thankfully, the Commission denied the ARRL's request to provide a list of anecdotal examples of prohibited communications. Any time you ask a government for a shopping list you are putting yourself in jeopardy of restricting future interpretation of rules and laws. I am glad that the FCC didn't have the time or money to provide such a list.

--

bote@access.digex.net (John Boteler)
WARNING: You are subject to pre-emption!

Date: Sat, 17 Jul 93 15:50:44 GMT
From: mercury.hsi.com!a3bee2!cyphyn!randy@uunet.uu.net
Subject: People with funny ears
To: info-hams@ucsd.edu

adams@chuck.dallas.sgi.com (Charles Adams) writes:


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: In article <226v6kINN3d7@emx.cc.utexas.edu>, oo7@emx.cc.utexas.edu (Derek Wills)
: ...stuff deleted...
: |> Hmmm, I tried this, but the only source I had was one of those thingies
:                                     good term ----> ^^^^^^^^
:
: |> they put inside birthday cards that play "Happy Birthday" when you open
: |> the card - fairly pure tones but of course different pitches. I couldn't
: |> reproduce this effect, but then I can't copy CW at 60+ wpm either....
: |> 60+ wpm.
: |>
: |> Hey, wait! E'en as I was penning these words, I thought of another way.
: |> I set up my terminal to do a continuous (keyboard) beep, and waggled my
: |> head around in front of it. The sound definitely goes down in volume at
: |> one place, it doesn't quite disappear but almost. Wow, perhaps I can do
: |> 60+ now!
:
:         .....as i said above, yes you can..... think positive!
: |>
: |> This has lots of interesting possibilities especially if, as Randy, says,
: |> the null point is different for different tones.

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I think partly in MY case it's my crummy hearing...maybe too, wall-reflections

It means that if you

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: |> are listening to two closely-spaced CW signals via a loudspeaker, you
: |> can null one of them and still hear the other one by putting your head
: |> in the right place in front of the speaker. Gad, it's almost enough to
: |> make you want to listen to 40m DX phone signals, if you can remove the CW
: |> ones with this technique. It would be nice to do it the other way round!
: |> you can do this with a 100 cycle audio filter :-)
:
: |>
: |>
: |> Derek Wills (AA5BT, G3NMX)
: |> Department of Astronomy, University of Texas,
:
:         ^^^^^^^^ ok, next we wanna hear about the UFOs :-)
:
: |> Austin TX 78712. (512-471-1392)
: |> oo7@astro.as.utexas.edu
:
: July 16 1993 - National Enquirer Headlines - UT Astronomy Professor gets
:               message in morse code from UFO. now applying to ARRL DXCC
:               committee for first ever CW qso with ET. photos at 11 on CNN.
:
: :-) next thing you know they'll be wanting the colonies back! :-)
:
: --
:

```

: "Be not too hard for life is short and nothing is given to man." - J. Baez
:
: Chuck Adams, K5FO - CP60
: adams@sgi.com

YES!---when copying CW and things get crowded, that is JUST what I do:

I tip my head, one way or another, etc to 'hear' the signal better.

By the time I reset my dial and or select a narrower band width, I've dropped the pencil, it rolls away and I bump the dial trying to fish around for the pencil!

Other people say I have a ball bearing that rolls around in my head and I am trying to get it to sit in the right place to not block the sound.

So, maybe I'm a UFO/ alien? wooo!

73's

Randy, KA1UNW

Date: 17 Jul 93 14:29:23 EDT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!math.ohio-state.edu!
pacific.mps.ohio-state.edu!ohstpy!garland@network.ucsd.edu
Subject: Problem with YAESU DVS-II recorder on FT1000
To: info-hams@ucsd.edu

Anyone got any advice on curing a problem with my DVS-II digital voice recorder on my Yaesu FT-1000D? The problem is that the recorder locks up intermittently when the transceiver is powered up, requiring a reset of the microprocessor (and a corresponding erasure of all the memories). I have a friend who's DVS-II does the same thing, and Yaesu service hasn't been able to help. As I recall, he's sent his back several times, but to no avail.

Jim W8ZR

Date: 18 Jul 93 16:08:43 GMT
From: almaden.ibm.com@uunet.uu.net
Subject: RACES Bulletin #283
To: info-hams@ucsd.edu

Bid : \$RACESBUL.283

Subject : RB283;Demobilization Critique

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL RACES OPERATORS IN CA (ALLCA: OFFICIAL)
ALL AMATEURS U.S. (@ USA: INFORMATION)
FROM: CA STATE OFFICE OF EMERGENCY SERVICES
(KH6GBX @ WA6NWE.CA)
2800 Meadowview Rd., Sacramento, CA 95832
(916)262-1600
Landline BBS open to all: (916) 262-1657

RACESBUL.283

DATE: July 19, 1993

SUBJECT: OPS - Techniques - Part 1/2

The following DEMOB (demobilization - pronounced "demobe")
CRITIQUE SHEET is from the experience of Bill Pennington, WA6SLA,
OES Region IV Radio Officer and ARRL DEC for the Central Sierra
Counties:

Shortly after the incident a meeting and critique should be
held for the whole operation. It should include inputs from the
following Demob Critique Sheets. The findings and their cures
should be published for other organizations to use --- especially
organizations which provided mutual aid.

PERSONNEL DEMOBILIZATION CRITIQUE SHEET: Were you:

1. Advised how much time you would have to respond?
Yes___NO___Comments:
2. Advised which Agency you would be working for?
Yes___NO___Comments:
3. Informed of the incident type? Yes___NO___Comments:
4. Informed as to which location or site to respond to?
Yes___NO___Comments:
5. Given accurate directions your site?
Yes___NO___Comments:
6. Informed as to the correct location of your site?
Yes___NO___Comments:
7. Informed how many days your services would be required?
Yes___NO___Comments:
8. Instructed as to what time your shift began?
Yes___NO___Comments:
9. Informed as to how long your shift length was?
Yes___NO___Comments:
10. Informed as to what equipment was required for your site?
Yes___NO___Comments:

(Continued in Part 2 of 2 parts)

EOM

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races
and can be retrieved using FTP.

Date: 18 Jul 1993 05:18:45 GMT
From: concert!lester.appstate.edu!usenet@decwrl.dec.com
Subject: VE Testing in DC/MD/Eastern PA 7/21-7/24?
To: info-hams@ucsd.edu

Is there a site at which VE testing will be given between 7/21 and
7/24 in the area of Washington DC, Md, Eastern Pa (read Philadelphia to
Allentonwn)?

I will be in that area during that period and would like to find a test
site at which I can upgrade. Anyone have any suggestions?
If so, can you furnish a name/number for the VE Team contact person?

Thanks for your help.

Marv Hoffman, KD4EGV
Boone, NC

Bitnet: HOFFMANMK@APPSTATE.BITNET
Internet: HOFFMANMK@CONRAD.APPSTATE.EDU

Date: 18 Jul 93 09:29:28 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!cs.utexas.edu!gerald.cc.utexas.edu!
emx.cc.utexas.edu!not-for-mail@network.ucsd.edu
Subject: what name to use?
To: info-hams@ucsd.edu

ksampath@magnus.acs.ohio-state.edu (Krishna S Sampath KB8FAV) asks:

>>i need your help picking a good "name", for cw because people find it hard
>>to copy krishna (dahdidah didahdit didit dididit didididit dahdit didah)....

>>should i settle for something else? with my name being krishna sampath,
>>i have a choice.....i could go chris, sampath or sam..... any suggestions?

Krishna sounds like a perfectly good name to me, and I don't see
why anyone would have any difficulty copying it. I'd keep it.

If you just want to make it easy on people whose cw is not too hot,
you could always use Ed...

Derek "occasionally Ed" Wills (AA5BT, G3NMX)
Department of Astronomy, University of Texas,
Austin TX 78712. (512-471-1392)
oo7@astro.as.utexas.edu

Date: Sat, 17 Jul 1993 08:23:38 GMT
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!uwm.edu!caen!
usenet.coe.montana.edu!netnews.nwnet.net!raven.alaska.edu!aurora.alaska.edu!
fsrla@ames.arpa
Subject: Where do I find kits?
To: info-hams@ucsd.edu

First off, my apologies if this message looks funny.
I'm using a computer I'm not used too.....

Anyway, I'm relatively new to the Amatuer Radio field.
Don't have my license yet, but the test is on the first
Saturday of August.
Well, what I'd like to know is this. I want to learn more
about the technical, tinkering, gizmo gadgety kind of stuff.
So I'm courious as to where to find low cost kits for just
about ANYTHING. Multi-meters, radios, etc..... The Radio
Shack in town here doesn't seem to really carry all that much.
Are there mail order place? If so, what are the addresses?
Any help is needed and my thanks in advance!

Please E-mail me at: FSRLA@AURORA.ALASKA.EDU!
Thanks, again! ROG!

Date: Sat, 17 Jul 1993 22:49:00 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!gatech!news-
feed-2.peachnet.edu!umn.edu!sctc.com!curry@network.ucsd.edu
Subject: YAESU FT-530
To: info-hams@ucsd.edu

Greetings!

I'm thinking about purchasing a YAESU FT-530 HT to
take along on rock-climbing trips where emergency
communications might come in very handy,

Would anybody be kind enough to let me know
what they think of the quality and 'durability' of
that particular unit is? Pros, Cons, etc?

If I'm gonna drop \$400-450 on a hand-held
I just want to be sure I get it right the first time,

Thanks,

Russ

(curry@sctc.com)

End of Info-Hams Digest V93 #869
